CLAIMS

The claims are provided below for the convenience of the Examiner. The claims have not been amended.

1.   (Original)   For use in a processing system having a display screen, an apparatus for highlighting a selected portion of said display screen comprising:

a color shift controller capable of receiving a user input selecting one of a plurality of portions of said display screen and, in response to said user input selection, modifying a value of at least one pixel within said selected portion to increase the color temperature of said at least one pixel.

2.   (Original)   The apparatus as set forth in Claim 1 wherein said display screen comprises a cathode ray tube (CRT) screen.

3.   (Original)   The apparatus as set forth in Claim 1 wherein said display screen comprises one of: a liquid crystal display screen, a flat panel display screen, a plasma display screen, and a projection display screen.

4.   (Original)   The apparatus as set forth in Claim 1 wherein said selected portion of said display screen comprises a first window controlled by a first application executed by said processing system and wherein said color shift controller is capable of modifying red-blue-green (RGB) values of a plurality of pixels in said first window to thereby increase a color temperature of said plurality of pixels.

5.   (Original)   The apparatus as set forth in Claim 1 wherein said selected portion of said display screen comprises a first window controlled by a first application executed by said processing system and wherein said color shift controller is capable of modifying a first set of white pixel values in said first window to increase the color temperature of said white pixel values.

6.   (Original)   The apparatus as set forth in Claim 5 wherein said color shift controller increases the color temperature of said white pixel values by using a linear matrix in software to transform the original red-green-blue (RGB) values to new red-green-blue (RGB) values that have a higher color temperature.

7.   (Original)   The apparatus as set forth in Claim 1 wherein said color shift controller increases the color temperature of said at least one pixel relative to a color temperature of a background of said display screen.

8.   (Original)   A processing system comprising:

a display screen;

a memory;

a data processor; and

an apparatus for highlighting a selected portion of said display screen comprising a color shift controller capable of receiving a user input selecting one of a plurality of portions of said display screen and, in response to said user input selection, modifying a value of at least one pixel within said selected portion to increase the color temperature of said at least one pixel.

9.   (Original)   The processing system as set forth in Claim 8 wherein said display screen comprises a cathode ray tube (CRT) screen.

10.   (Original)   The processing system as set forth in Claim 8 wherein said display screen comprises one of: a liquid crystal display screen, a flat panel display screen, a plasma display screen, and a projection display screen.

11.   (Original)   The processing system as set forth in Claim 8 wherein said selected portion of said display screen comprises a first window controlled by a first application executed by said processing system and wherein said color shift controller is capable of modifying red-blue-green (RGB) values of a plurality of pixels in said first window to thereby increase a color temperature of said plurality of pixels.

12.   (Original)   The processing system as set forth in Claim 8 wherein said selected portion of said display screen comprises a first window controlled by a first application executed by said processing system and wherein said color shift controller is capable of modifying a first set of white pixel values in said first window to increase the color temperature of said white pixel values.

13.   (Original)   The processing system as set forth in Claim 12 wherein said color shift controller increases the color temperature of said white pixel values by using a linear matrix in software to transform the original red-green-blue (RGB) values to new red-green-blue (RGB) values that have a higher color temperature.

14.   (Original)   The processing system as set forth in Claim 8 wherein said color shift controller increases the color temperature of said at least one pixel relative to a color temperature of a background of said display screen.

15.   (Original)   For use in a processing system having a display screen, a method for highlighting a selected portion of said display screen comprising:

selecting a portion of said display screen; and

increasing the color temperature of at least one color within said selected portion of said display screen.

16.   (Original)   The method as set forth in Claim 15 wherein the step of increasing

the color temperature of at least one color within said selected portion of said display screen

comprises the sub-step of:

modifying red-blue-green (RGB) values of a plurality of pixels within said selected

portion of said display screen to thereby increase a color temperature of said plurality of pixels.

17.   (Original)   The method as set forth in Claim 15 wherein the step of increasing

the color temperature of at least one color within said selected portion of said display screen

comprises the sub-step of:

modifying white values of a plurality of pixels within said selected portion of said display

screen to increase the color temperature of said white pixel values.

18.   (Original)   The method as set forth in Claim 17 wherein the step of modifying

white values of a plurality of pixels within said selected portion of said display screen to increase

the color temperature of said white pixel values comprises the sub-step of:

transforming in a linear matrix in software original red-green-blue (RGB) values to new

red-green-blue (RGB) values that have a higher color temperature.

19.   (Original)   The method as set forth in Claim 15 wherein the step of increasing

the color temperature comprises the sub-step of increasing the color temperature of said at least

one pixel relative to a color temperature of a background of said display screen.

20.   (Original)   For use in a processing system having a display screen, computer-executable instructions stored on a computer-readable storage medium for highlighting a selected portion of said display screen, the computer-executable instructions comprising the steps of:

receiving a user input selecting a portion of said display screen; and

increasing the color temperature of at least one color within said selected portion of said display screen.

21.   (Original)   The computer-executable instructions stored on a computer-readable storage medium as set forth in Claim 20 wherein the step of increasing the color temperature of at least one color within said selected portion of said display screen comprises the substep of:

modifying red-blue-green (RGB) values of a plurality of pixels within said selected portion of said display screen to thereby increase a color temperature of said plurality of pixels.

22.   (Original)   The computer-executable instructions stored on a computer readable storage medium as set forth in Claim 20 wherein the step of increasing the color temperature of at least one color within said selected portion of said display screen comprises the substep of:

modifying white values of a plurality of pixels within said selected portion of said display screen to increase the color temperature of said white pixel values.

23.   (Original)   The computer-executable instructions stored on a computer readable storage medium as set forth in Claim 22 wherein the step of modifying white values of a plurality of pixels within said selected portion of said display screen to increase the color temperature of said white pixel values comprises the sub-step of:

transforming in a linear matrix in software original red-green-blue (RGB) values to new red-green-blue (RGB) values that have a higher color temperature.

24.   (Original)   The computer-executable instructions stored on a computer readable storage medium as set forth in Claim 20 wherein the step of increasing the color temperature comprises the sub-step of increasing the color temperature of said at least one pixel relative to a color temperature of a background of said display screen.